AMENDMENTS TO THE DRAWINGS

The attached replacement sheet of drawings includes a change to block 501 of
FIGURE 5 to correct a typographical error, wherein the phrase "one or more or the web
applications" is replaced by the phrase "one or more of the web applications" (emphasis
added to illustrate the correction made).

Attachment: Replacement sheet

REMARKS

I. General

Claims 1-25 were pending in the present application. The current Office Action (mailed March 2, 2007) rejects all of the pending claims 1-25. The outstanding issue raised in the current Office Action is:

- The drawings are objected to;

- The specification is objected to for informalities;

- Claim 5 is objected to for informalities;

- Claims 1-5 are rejected under 35 U.S.C. §101 as being directed to non-statutory subject matter;

- Claims 1-25 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,327,628 issued to Anuff et al. (hereinafter "*Anuff*").

Applicant respectfully traverses the outstanding objections and rejections raised in the current Office Action, and requests reconsideration and withdrawal thereof in light of the amendments and remarks presented herein.

II. Amendments

In the Drawings

Applicant submits herewith a replacement sheet for FIGURE 5 which corrects a typographical error present therein by replacing the phrase "one or more or the web applications" with the phrase "one or more of the web applications" (emphasis added to illustrate the correction made). No new matter is added by this amendment, and the amendment is made solely for cosmetic purposes to correct a typographical error in the figure. The amendment is thus not intended to narrow the scope of the claims of the present application in any way.

In the Specification

Applicant has amended paragraph 0027 of the specification by replacing the phrase "one or more or the web applications" with the phrase "one or more of the web applications". No new matter is added by this amendment, and the amendment is made solely for cosmetic purposes to correct a typographical error in the specification. The amendment is thus not intended to narrow the scope of the claims of the present application in any way.

In the Claims

Claim 1 is amended to remove the language "for managing a portal adaptation lifecycle" from its preamble. Further, claim 1 is amended to add a limitation reciting "employing the determined construction design, the determined model, the determined navigation construction, the selected level of customization, and the selected isolation model for adapting said existing Web application into said portal application in a manner that maintains said existing Web application's functionality within said portal application." This amendment brings the result of "adapting said existing Web application into said portal application" into the body of the claim, and is thus believed to overcome the 35 U.S.C. §101 rejection of claim 1. No new matter is added by this amendment.

Claim 5 is amended to correct a typographical error by changing the word "metal language" to "meta language". No new matter is added by this amendment, and the amendment is made solely for cosmetic purposes to correct a clear typographical error present therein. The amendment is thus not intended to narrow the scope of claim 5 in any way.

III. Objections

To the Drawings

The drawings are objected to because of a typo that is present in block 501 of FIGURE 5. Applicant submits herewith a replacement sheet for FIGURE 5 which corrects the typographical error by replacing the phrase "one or more or the web applications" with the phrase "one or more of the web applications" (emphasis added to illustrate the correction made). No new matter is added by this amendment, and the amendment is made solely for

cosmetic purposes to correct a typographical error in the figure. The amendment is thus not intended to narrow the scope of the claims of the present application in any way.

In view of the above, the objection to the drawings should be withdrawn.

To the Specification

The specification is objected to because of a typo that is present in paragraph 0027. Applicant has amended this paragraph of the specification herein, by replacing the phrase "one or more or the web applications" with the phrase "one or more of the web applications". No new matter is added by this amendment, and the amendment is made solely for cosmetic purposes to correct a typographical error in the specification. The amendment is thus not intended to narrow the scope of the claims of the present application in any way.

In view of the above, the objection to the specification should be withdrawn.

To Claim 5

Claim 5 is objected to for informalities, namely that a typographical error is present therein. Specifically, the Office Action notes that the word "metal language" should be changed to "meta language". Applicant has amended claim 5 in this manner herein. No new matter is added by this amendment, and the amendment is made solely for cosmetic purposes to correct a clear typographical error present therein. The amendment is thus not intended to narrow the scope of claim 5 in any way.

In view of the above, the objection to claim 5 should be withdrawn.

IV. Rejections under 35 U.S.C. §101

Claims 1-5 are rejected under 35 U.S.C. §101 as being directed to non-statutory subject matter. The current Office Action asserts that while claim 1 is directed to a process, which is a recognized category of statutory subject matter under 35 U.S.C. §101, such claim is directed to the judicial exception of an abstract idea. In support of this assertion, the Office Action asserts that: 1) the claim fails to use or apply the outcome of the determinations and selections to produce a concrete and tangible result (*see* page 4 of the Office Action), and 2)

the claim fails to produce assured, repeatable result because different individuals may determine and make selection differently based on knowledge, experience, ability, etc. resulting in different outcomes based on the claimed steps of the process (*see* pages 3-4 of the Office Action). Applicant respectfully submits that claim 1, as amended herein, resolves the issues raised by the Examiner, and is clearly directed to proper subject matter under 35 U.S.C. §101, as discussed below.

As amended herein, independent claim 1 recites:

> A method comprising:
> determining a construction design for an adapted portal application;
> determining a model for separation or presentation logic and application logic of an existing Web application to be adapted into said portal application;
> determining a navigation construction for said adapted portal application;
> selecting a level of customization to apply to said adapted portal application;
> selecting an isolation model for isolating business logic from said adapted portal application; and
> employing the determined construction design, the determined model, the determined navigation construction, the selected level of customization, and the selected isolation model for adapting said existing Web application into said portal application in a manner that maintains said existing Web application's functionality within said portal application.

Thus, claim 1 clearly recites the concrete and tangible result of employing the recited determined construction design, the determined model, the determined navigation construction, the selected level of customization, and the selected isolation model for adapting said existing Web application into said portal application in a manner that maintains said existing Web application's functionality within said portal application.

Further, while the exact solution that may be reached by different individuals employing the determining and selecting steps of claim 1 may differ (e.g., the exact resulting web application that is adapted into the portal application may differ), the recited process that may be employed is repeatable with assurance that an existing web application is adapted into a portal application. Thus, the result of adapting an existing web application into a portal application is an assured, repeatable result, even though the specific characteristics of the adapted web application may vary slightly from individual to individual when employing the

steps of the process.

Accordingly, Applicant respectfully submits that claim 1, as amended herein, is directed to proper statutory subject matter under 35 U.S.C. §101, and thus Applicant respectfully requests that this rejection be withdrawn. Also, the rejection of dependent claims 2-5 should likewise be withdrawn.

V. Rejections under 35 U.S.C. § 102(e) over *Anuff*

Claims 1-25 are rejected under 35 U.S.C. § 102(b) as being anticipated by *Anuff*. Applicant respectfully traverses this rejection below.

To anticipate a claim under 35 U.S.C. § 102, a single reference must teach every element of the claim, *see* M.P.E.P. § 2131. Thus, § 102 anticipation is not found when the applied art is lacking or missing a specific feature or the structure of the claimed invention. Further, the Federal Circuit has explained: "There must be no difference between the claimed invention and the reference disclosure, as viewed by a person of ordinary skill in the field of the invention." *Scripps Clinic & Research Found. v. Genentech Inc.*, 927 F.2d 1565 (Fed. Cir. 1991). As discussed further below, claims 1-25 are not anticipated under § 102 by *Anuff* because *Anuff* fails to teach each and every element of these claims as required by M.P.E.P. § 2131.

Independent Claim 1

Claim 1 recites:

> A method comprising:
> determining a construction design for an adapted portal application;
> determining a model for separation or presentation logic and application logic of an existing Web application to be adapted into said portal application;
> determining a navigation construction for said adapted portal application;
> selecting a level of customization to apply to said adapted portal application;
> selecting an isolation model for isolating business logic from said adapted portal application; and
> <u>employing the determined construction design, the determined model, the determined navigation construction, the selected level of customization, and the selected isolation model for adapting said existing Web application into said portal application in a manner that maintains said existing Web application's functionality within said portal application.</u> (Emphasis added).

Anuff fails to teach all elements of claim 1. *Anuff* is directed generally to a portal infrastructure, and in particular to a modular portal infrastructure, *see e.g.*, the Abstract of *Anuff*. While *Anuff* proposes a module portal infrastructure or framework, *Anuff* fails to address any technique for adapting an existing Web application into the proposed portal infrastructure. *Anuff* recognizes that a desire may exist to enable a user "to have quick access to various resources and data provided by the employer, while at the same time being able to view information provided over the Internet, such as news headlines, financial data, and vendor data." Col. 3, lines 32-36. "To this end, therefore, portals have become popular mechanisms that enable users to access information from multiple different network sites at once." Col. 3, lines 36-39. Thus, *Anuff* proposes a modular portal framework, wherein by "interacting with any one of these modules, the user can access the information or serviees provided by that module." Col. 4, lines 1-3. "Thus, by clicking on a headline in the 'News' module, the user can be presented with the full text of the news story to which the headline pertains." Col. 4, lines 3-5. Again, while *Anuff* proposes such modules to be employed in its portal framework, *Anuff* fails to address any technique for adapting an existing Web application in the proposed modular portal framework. For instance, *Anuff* fails to disclose a technique for adapting an existing Web application to form a corresponding module to be used in its portal framework.

Accordingly, *Anuff* fails to disclose at least "employing the determined construction design, the determined model, the determined navigation construction, the selected level of customization, and the selected isolation model for adapting said existing Web application into said portal application in a manner that maintains said existing Web application's functionality within said portal application", as recited by claim 1. Therefore, *Anuff* fails to anticipate claim 1, and withdrawal of this rejection is thus respectfully requested.

Independent Claim 6

Claim 6 recites:

> A method for adapting a Web application to a portal application comprising:
> adding at least one component of said Web application to a portal platform;
> creating a plurality of portlets within said portal platform, wherein each of said plurality includes pages representing a view for said at least one component of said Web application;
> defining at least one Web flow relationship representing interactions between said at least one component of said Web application; and
> converting said at least one Web flow relationship into at least one event, defined within said plurality of portlets, wherein said at least one event corresponds to said interactions. (Emphasis added).

Anuff fails to teach all elements of claim 6. As discussed above with claim 1, *Anuff* is directed generally to a portal infrastructure, and in particular to a modular portal infrastructure, *see e.g.*, the Abstract of *Anuff*. While *Anuff* proposes a module portal infrastructure or framework, *Anuff* fails to address any technique for adapting an existing Web application into the proposed portal infrastructure. Thus, *Anuff* fails to disclose a method for "adapting a Web application to a portal application" in the manner recited by claim 6.

Further, the method of claim 6 for so adapting a Web application to a portal application recites, in part, "defining at least one Web flow relationship representing interactions between said at least one component of said Web application; and converting said at least one Web flow relationship into at least one event, defined within said plurality of portlets, wherein said at least one event corresponds to said interactions." *Anuff* fails to disclose at least these steps of the method. Again, *Anuff* fails to disclose any technique for

adapting a web application to its proposed modular portal infrastructure. While *Anuff* discloses modules, *Anuff* does not disclose that adapting a web application to such a module includes defining at least one Web flow relationship representing interactions, and converting the Web flow relationship into at least one event, defined within the portlets, as recited by claim 6.

The current Office Action asserts on page 8 thereof that "defining at least one Web flow relationship is inherent in the reference since there has to be a defined Web flow relationship in order to show the appropriate page based on the user interaction at the portal". Further, the Office Action asserts on page 8 thereof that "Anuff teaches implementing the defined Web flow relationship by converting it into user selection events such as selecting a link or button in order to display appropriate page based on the selection". However, this appears to focus on the proposed functionality of a given module that is implemented within *Anuff's* portal framework, rather than a process for adapting an existing Web application into the portal (e.g., into the given module). For instance, while the operation of a given module within *Anuff's* portal may support a certain flow of interaction with a user by enabling the user to click on a hyperlink, etc., *Anuff* fails to disclose defining a Web flow relationship for a Web application and converting such relationship into an event defined in a portlet of a portal in order to adapt a Web application into such portal (e.g., in order to adapt a Web application into a module). Indeed, the modules of *Anuff* may be created from scratch, rather than attempting to adapt an existing Web application into such modules, as *Anuff* provides no disclosure of any such adapting of an existing Web application into its portal framework.

Accordingly, *Anuff* fails to disclose at least the above-identified elements of claim 6, and therefore withdrawal of this rejection is respectfully requested.

Independent Claim 11

Claim 11 recites:

> A methodology for <u>converting a Web application into a portal application</u> comprising:
> <u>moving Web components from said Web application into a portal framework corresponding to said portal application;</u>
> dividing said portal application into a plurality of portlets, wherein each of said plurality serves content of one or more or said Web applications; and
> providing navigation resources to said portal application. (Emphasis added).

Anuff fails to teach all elements of claim 11. As discussed above with claim 1, *Anuff* is directed generally to a portal infrastructure, and in particular to a modular portal infrastructure, *see e.g.*, the Abstract of *Anuff*. While *Anuff* proposes a module portal infrastructure or framework, *Anuff* fails to address any technique for converting a Web application into the proposed portal infrastructure. Thus, *Anuff* fails to disclose a method for "converting a Web application into a portal application" in the manner recited by claim 11.

Further, the method of claim 11 for so converting a Web application into a portal application recites, in part, "moving Web components from said Web application into a portal framework corresponding to said portal application". *Anuff* fails to disclose at least this step of the method. Again, *Anuff* fails to disclose any technique for converting a web application to its proposed modular portal infrastructure. While *Anuff* discloses modules, *Anuff* does not disclose that adapting a web application to such a module includes moving Web components from said Web application into a portal framework (e.g., module), as recited by claim 11. Indeed, the modules of *Anuff* may be created from scratch, rather than attempting to convert an existing Web application into such modules, as *Anuff* provides no disclosure of any such converting of an existing Web application into its portal framework.

Accordingly, *Anuff* fails to disclose at least the above-identified elements of claim 11, and therefore withdrawal of this rejection is respectfully requested.

<u>Independent Claim 21</u>

Claim 21 recites:

> A system <u>for adapting a Web application to a portal application</u> comprising:
> means for adding one or more Web application components to said portal application;
> means for generating a plurality of portlets within said portal application, wherein each of said plurality includes a view for said one or more Web application components;
> <u>means for defining at least one Web flow relationship representing interactions between said one or more Web application components; and</u>
> <u>means for converting said at least one Web flow relationship into at least one interaction event, defined within said plurality of portlets, wherein said at least one interaction event corresponds to said interactions.</u> (Emphasis added).

Anuff fails to teach all elements of claim 21. As discussed above with claim 1, *Anuff* is directed generally to a portal infrastructure, and in particular to a modular portal infrastructure, *see e.g.*, the Abstract of *Anuff*. While *Anuff* proposes a module portal infrastructure or framework, *Anuff* fails to address any technique for adapting a Web application into the proposed portal infrastructure. Thus, *Anuff* fails to disclose a system for "adapting a Web application to a portal application" in the manner recited by claim 21.

Further, the system of claim 21 for so adapting a Web application to a portal application recites, in part, "means for defining at least one Web flow relationship representing interactions between said one or more Web application components; and means for converting said at least one Web flow relationship into at least one interaction event, defined within said plurality of portlets, wherein said at least one interaction event corresponds to said interactions." *Anuff* fails to disclose at least these means of the system. Again, *Anuff* fails to disclose any technique for adapting a web application to its proposed modular portal infrastructure. While *Anuff* discloses modules, *Anuff* does not disclose that adapting a web application to such a module includes use of a means for defining at least one Web flow relationship representing interactions, and means for converting the Web flow relationship into at least one interaction event, defined within the portlets, as recited by claim 21. Indeed, as mentioned with claim 6 above, the modules of *Anuff* may be created from scratch, rather than attempting to adapt an existing Web application into such modules, as

Anuff provides no disclosure of any such adapting of an existing Web application into its portal framework.

Accordingly, *Anuff* fails to disclose at least the above-identified elements of claim 21, and therefore withdrawal of this rejection is respectfully requested.

Dependent Claims

Dependent claims 2-5, 7-10, 12-20, and 22-25 each depend either directly or indirectly from one of independent claims 1, 6, 11, and 21, and thus inherit all limitations of their respective base claims. It is respectfully submitted that the dependent claims are allowable not only because of their dependency from their respective independent claims for the reasons discussed above, but also in view of their novel claim features (which both narrow the scope of the particular claims and compel a broader interpretation of the base claims from which they depend).

VI. Conclusion

In view of the above, Applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 08-2025, under Order No. 200313705-1 from which the undersigned is authorized to draw.
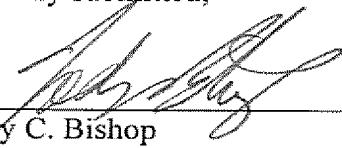
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: May 25, 2007

Signature: _Donna Forbit_
(Donna Forbit)

Respectfully submitted,

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Attachments